**Total number of items currently in marketplace along with the numbers for each category.**

select category, quantity,count(category) from marketplace group by category with rollup

**Total cost distributed for each category and sorted in 5 quantile ranges of price.**

select item\_id,category, quantity\*price as cost, NTILE(5) OVER (ORDER BY quantity\*price) AS quantile from marketplace group by category

**Male Users %**

SELECT

round(((SELECT COUNT(\*) FROM user\_basic WHERE GENDER = 'Male')/

(SELECT COUNT(\*) FROM user\_basic))\*100,2) AS "Male users Percentage"

FROM DUAL;

**Attendees for all events**

select concat(first\_name," ",last\_name) as Name,venue,date\_time from user\_basic join events on events.going\_userid=user\_basic.user\_id

**FBI asked for users whose names end with ‘tter’**

select \*from user\_basic where last\_name like '%tter%'

**Age of users as a derived attribute.**

SELECT \*, YEAR(CURDATE()) - YEAR(birth\_date) AS age FROM user\_basic;

**California Users education details**select concat(first\_name," ",last\_name) as Name,education\_level,lives\_in,occupation from user\_basic join user\_about on user\_basic.user\_id=user\_about.user\_id where lives\_in='California'

**Friends of harry**

select \*from friends where start\_date = '2017-10-03'

select user\_basic.user\_id, friends.start\_date,concat(user\_basic.first\_name," ",user\_basic.last\_name) as Friend,

(CURDATE() - friends.start\_date) as FriendshipinDays

from friends join user\_basic

on user\_basic.user\_id=friends.friends\_user\_id

where friends.user\_id = (select user\_id from user\_basic where user\_basic.first\_name = 'Harry')